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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1

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Application Number	10/633,630
Filing Date	August 5, 2003
First Named Inventor	Klaus GIESE, et al.
Art Unit	1635
Examiner Name	Kimberly Chong
Attorney Docket Number	14677-003US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	6,239,272	05/29/2001	BEIGELMAN et al.	
	A2	6,107,094	08/22/2000	CROOKE	
	A3				
	A4				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	B1	WO 03/070895	08/28/2003	RIBOZYME PHARM. INC.		
	B2	WO 99/55857	11/04/1999	RIBOZYME PHARM. INC.		
	B3	WO 02/097114	12/05/2002	RIBOZYME PHARM. INC.		
	B4	WO 97/46570	12/11/1997	ISIS PHARM, INC..		
	B5	WO 96/18736	06/20/1996	RIBOZYME PHARM. INC.		
	B6	WO 02/16620	02/28/2002	UNIV. OF SHEFFIELD		
	B7	WO 92/07065	04/30/1992	MAXPLANCK-GESELLSCHAFT		
	B8	WO 02/44321	06/06/2002	MAXPLANCK-GESELLSCHAFT		
	B9	WO 03/070918	08/28/2003	RIBOZYME PHARM. INC.		
	B10	WO 94/01550	01/20/1994	HYBRIDON, INC.		
	B11	EP 1 214 945 B1	06/08/2005	ALYNYLAM EUROPE AG		
	B12					
	B13					

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		P. DAN COOK, "Medicinal Chemistry of Antisense Oligonucleotides"; (ed. Croke, S.T.), pp 29-56 Marcel Dekker, NY 2001	
		PARRISH et al., "Functional Anatomy of a dsRNA Trigger;" (2000) Molecular Cell 6, 1077-1087	
		BEVILACQUA and Cech; "Minor-Groove Recognition of Double-Stranded RNA by the Double-Stranded RNA-Binding;" Biochemistry 1996, 35, 9983-9994	
		WU, et al., "Identification and Partial Purification of Human Double Strand RNase Activity"; The Journal of Biological Chem; Vol. 273, No. 6, 2532-2542 (1998)	
		US 60/386,782 (priority document for D1 (Opp.II), pre-dating the earliest priority date of the opposed patent)	
		M. MONOHARAN; "2'-Carbohydrate modifications in antisense oligonucleotide therapy...;" Biochimica et Biophysica Acta; (1999) 117-130	
		INOUE et al., "Synthesis and hybridization studies on two complementary nona (2'-O-methyl)ribonucleotides"; Nucleic Acids Res. 1987, 15:6131-48	
		US 10/205,309; (priority document for No. 1, filed on July 25, 2002)	
		FIRE, "RNA-triggered gene Silencing;" TIG, Vol. 15, No. 9, 358-363	
		PADDISON, et al., "Stable suppression of gene expression by RNAi in mammalian cells;" PNAS, 99(3); 99 1443-1448; (2002)	

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		PARK, et al., "Prevention of HIV-1 infection in human peripheral blood mononuclear cells by specific RNA interference," Nucleic Acids Res., vol. 30, No. 22, pp 4830-4835; (2002)	
		HARBORTH, et al., "Identification of essential genes in cultured mammalian cells using small interfering RNAs," J Cell Science; 114: pp 4557-4565; (2001)	
		KURRECK, "Improvement through novel chemical modifications," Eur. J. Biochem, 270, 1628-1644 (2003)	
		ROSE, et al., "Functional polarity is introduced by Dicer processing of short substrate RNAs," Nucleic Acids Research, 2005, Vol. 33, No. 13, pp.4140-4156	

Examiner Signature		Date Considered	
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